

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (currently amended): ~~A method for adjusting~~ An adjusting device for a
multi-beam source unit, comprising: ~~the multi-beam source unit including~~
a mounting bracket;
a base member rotatably mounted on said mounting bracket; and
a multi-beam laser diode ~~capable of emitting multi-laser beams from~~ provided with a
plurality of light emitting points positioned substantially in a straight line with respect to each
other, said multi-beam laser diode being detachably mounted on said base member and
configured to radiate a laser beam from ~~[[a]] the plurality of light emitting points, and a~~
~~collimator lens for collimating the multi-laser beams, the multi-laser diode having a stem~~
~~formed with a cutout portion, the multi-beam source unit being designed so as to be set to a~~
~~scanning optical system on the assumption that the plural light emitting points are arranged in~~
~~the direction of a predetermined standard design line when they are present on a virtual~~
~~straight line defined by said cutout portion, the method comprising measuring an arranged~~
~~state of the light emitting points with respect to the standard design line on the basis of beam~~
~~spots on an image surface corresponding to an image recording surface and rotating the~~
~~multi-beam laser diode about an optical axis of the scanning optical system to align the~~
~~arrangement direction of the light emitting points with the direction of the standard design~~
~~line~~ wherein said base member is configured to rotate such that said laser beam from said
multi-beam laser diode is radiated onto a predetermined position of an image recording plane
of a scanning optical system.

line

P21 line 6-23, P1 line 13-25

Claim 2 (currently amended): ~~A method for adjusting~~ The adjusting device for a
multi-beam source unit according to claim 1, wherein ~~the virtual straight line is defined by a~~
~~concave or convex portion as an engaging portion for positioning formed in the stem~~ said
multi-beam laser diode includes a stem having a pair of first cutout portions and a second
cutout portion, said pair of first cutout portions configured to define a line, and said second
cutout portion configured to fixedly position said multi-beam laser diode to said base
member.

Claim 3 (currently amended): ~~A method for adjusting~~ The adjusting device for a
multi-beam source unit according to ~~claim 1 or~~ claim 2, wherein ~~[[on]]~~ said base member is
rotated such that a line defined by joining two beam spots corresponding to two of the
plurality of light emitting points that are farthest from each other is aligned with said line
defined by said pair of first cutout portions ~~the image surface corresponding to the image~~
~~recording surface an arrangement direction of the light emitting points with respect to the~~
~~standard design line is determined on the basis of a straight line obtained by joining two beam~~
~~spots corresponding to two light emitting points located remotest from each other out of the~~
~~light emitting points.~~

Claims 4-14 (canceled)

Claim 15 (new): An image forming apparatus comprising:

a mounting bracket;

a base member rotatably mounted on said mounting bracket;

a multi-beam source unit including a multi-beam laser diode provided with a plurality
of light emitting points positioned substantially in a straight line with respect to each other,

said multi-beam laser diode being detachably mounted on said base member and configured to radiate a laser beam from the plurality of light emitting points; and

an adjusting member provided in said multi-beam source unit and configured to adjust a position of said multi-beam laser diode,

wherein said base member is configured to rotate such that said laser beam from said multi-beam laser diode is radiated onto a predetermined position of an image recording plane of a scanning optical system.

Claim 16 (new): The image forming apparatus according to claim 15, wherein said adjusting member further comprises a control circuit and a CCD camera.

Claim 17 (new): The image forming apparatus according to claim 16, wherein said control circuit includes an image processing control section configured to read an image of the plurality of light emitting points of said multi-beam laser diode captured by said CCD camera and configured to calculate an inclination angle of an arrangement of the light emitting points based on said image.